## **EAST Search History**

## EAST Search History (Prior Art)

Ref#	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	20	"20020068843" pn.   "5063194" pn.   "5063194" pn.   "4762956" pn.   "4404124" pn.   "4126645" pn.   "4001344" pn.   "3821323" pn.   "3549720" pn.   "3113980" pn.   "3068303" pn.   "2946829" pn.   "2908578" pn.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 11:45
S2	1	"6228800".pn.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 13:26
83	1	"6228800".pn. and (lanthanide or lanthanidi or Lanthanidi or Lanthanum or La or Cerium or Ce or "CeO. sup.2" or Prassodymium or Pr or Neodymium or Pm or Samarium or Sm or Europium or Eu or Gadolinium or Cadol or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Tro or Thetium or Tho or Tyterbium or Yb or Lutetium or Lu)	US-PGPUB; USPAT; USOOR	NEAR	OFF	2008/09/17 13:29
<b>S</b> 5	1	"6228800",pn. and (lanthanide or lanthanoid or Lanthanoid or Lanthanum or La or Cerium or Ce or "CeO. sup.2" or Passeodymium or Pr or Neodymium or Pm or Samarium or Sm or Europium or Eu or Gadolinium or Cd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Fo or Erbium or Fo or Erbium or Fo or Erbium or Tb or Thor Thorium or Tho or Erbium or Tb or Thorium or Tho or Erbium or Tb or Tholmium or Tho or Erbium or Tb or Thulium	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 13:34

		or Tm or Ytterbium or Yb or Lutetium or Lu or rare earth metals or palladium or pd)			***************************************	***************************************
S6	1	"10559501"	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 13:53
S7	0	"6228800".pn. and pore	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 15:18
88	7	("20020068843".pn.   "5063194".pn.   "4762956".pn.   "44063194".pn.   "4126645".pn.   "4126645".pn.   "4001344".pn.   "3843720".pn.   "3113980".pn.   "3113980".pn.   "3068303".pn.   "29046829".pn.   "2909578".pn.) and (lanthanide or lanthanoid or Lanthanoid or Canthanum or La or Corium or Ce or "CeO. sup.2" or Praseodymium or Pr or Neodymium or Ro or Promethium or Pm or Samarium or Sm or Europium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Fr or Thullium or Ho or Erbium or Fr or Thullium or Tm or Ytterbium or Tu or Utterbium or Tu or Utterbium or Utu)	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17
S9	8	("20020068843", pn.   "5063194", pn.   "4762956", pn.   "4404124", pn.   "44126645", pn.   "4401344", pn.   "4821323", pn.   "3549720", pn.   "3116342", pn.   "3113980", pn.   "3968303", pn.   "2946829", pn.   "2909578", pn. ) and pore	US-POPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 15:35

S10	2494135	(titania or titanium or ti or (titanium near oxide) or "tio.sup.2")or (magnesia or magnesium or mg) or (alumina or (aluminum near oxide) or "alo. sup.2") or (silica near aluminat) or (calcium near aluminate)	US-PGPUB; USPAT; USOCR	NEAR	OFF	2008/09/17 15:54
S11	93768	palladium and (lanthanide or lanthanoid or Lanthanoid or Cerium or Ce or "CeO. Sup.2" or Praseodymium or Pro Neodymium or Nd or Promethium or Pm or Samarium or Sm or Europium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Tr or Ytterbium or Tm or Ytterbium or Tm or Ytterbium or Uy or To or Tm or Ytterbium or Uy or To or Utetium or Uy or Utetium or Tm or Ytterbium or Uy or Utetium or Uy or Utetium or Uy or Utetium or Uy	US PCPUB; USPAT; USOOR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17
S12	515847	(alumina or (aluminum near oxide) or "al. sup.2O.sup.3" or "Al. sup2O.sup.3" or aloxite)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 15:56
S13	3153	palladium and (Cerium or Ce or "CeO.sup.2") and S12 and pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 15:57
S14	1554	palladium SAME4 (Cerium or Ce or "CeO. sup.2") SAME4 S12 and pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 15:58
S15	83	palladium SAME4 (Cerium or Ce or "CeO. sup.2") SAME4 S12 and pore and acetylene and ethylene and hydrogen	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 15:59
S16	0	"4602000".pn. and ". angstrom."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 16:38
S17	0	"4602000".pn. and ". ang."	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 16:39

S18	0	"4602000".pn. and ". ang"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2008/09/17 16:40
S19	1	"4602000".pn. and ang	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	ON	2008/09/17 16:40
S20	1199	"502/302".ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 16:47
S21	502	"502/302".cds. and (alumina or (aluminum near oxide) or "al. sup.2O.sup.3" or "Al. sup2O.sup.3" or aloxite) and cerium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 17:28
S22	274	"502/302".cds. and (alumina or (aluminum near oxide) or "al. sup.2O.sup.3" or "Al. sup2O.sup.3" or aloxite) and pore	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 17:29
S23	145	"502/302".cds. and (alumina or (aluminum near oxide) or "al. sup.2O.sup.3" or "Al. sup2O.sup.3" or aloxite) and (pore near3 (size or diameter))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/17 17:30
S24	2	"6228800".pn. and ((titania or titanium or ti or (titanium mar oxide) or "tio.sup.2") or (magnesia or magnesium or mg) or (alumina or (alumina or (aluminum ar oxide) or "alo. sup.2") or (silica near alumina) or (calcium near akuminate))	US-PCPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/18 09:04
S25	2	"6228800".pn. and (rare earth metals or palladium)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/18 09:34
S26	1	"6228800".pn. and mm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/18 09:40

S27	29544	atomic adj ratio	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/18 10:23
S28	543	"502/302".cds. and (lanthanide or lanthanide or Lanthanide or Lanthanide or Lanthanide or Cerium or Ce or "CeO. Sup.2" or Praseodymium or Pro or Neodymium or Nd or Promethium or Pro or Samarium or Sin or Europium or Bu or Gadolinium or Gu or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or To or Thulium or Tm or Ytterbium or Tro or Tuteltium or Lu) and (palladium or pd) and ((Ittania or Ittanium or it or (Ittanium near oxide) or "ito.sup.2") or (magnesia or magnesium or mg) or (alumina or (aluminum near oxide) or "alo. sup.2") or (silica near alumina) or (calcium near alumina) or (calcium near aluminate))	US POPUB; USPAT; USPAT; USPOT; JPO; DERWENT	NEAR	OFF	2008/09/22 09:49
S29	910	"502/302".ccls. and (weight or ratio or ppm or ppmw or wt)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 09:50
\$30	514	"502/302".ccls. and (lanthanide or lanthanid or Cerium or Ce or "CeC. sup.2" or Praseodymium or Mod or Promethium or Pm or Samarium or Sm or Europium or Eu or Gadolinium or Gu or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Thulium or Tm or Ytterbium or Ty or Lutetium or Lu) and (palladium or pd) and ((litania or titanium	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 09:55

	пининининининининининининининининининин	or ti or (titanium near oxide) or "tio.sup.2") or (magnesia or magnesium or mg) or (alumina or (aluminum near oxide) or "alo. sup.2") or (silica near alumina) or (calcium near aluminate)) and (weight or ratio or ppm or ppm or wt)		***************************************	***************************************	
S31	2	"6013173".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 10:27
S32	1	"6013173" pn. and (lanthanide or lanthanide or lanthanide or Lanthanide or Lanthanide or Cerium or Ce or "CeO. sup.2" or Prassodymium or Pr or Neodymium or Nd or Promethium or Pr or Neodymium or Samarium or Sur Or Europium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Er or Thuilum or Tm or Ytterbium or Wo or Lutetium or Lu) and (palladium or pd) and ((titania or titanium or ti or (titanium near oxide) or "tio.sup.2") or (magnesium or mg) or (alumina or (aluminum near oxide) or "alo. sup.2") or (silica near alumina) or (calcium near alumina) or (calcium near alumina) or (calcium near alumina) or (calcium or ppm or por pm or ppm or ppm or pm	US-PCPUB; USPAT; USCR; EPC; JPC; DERWENT	NEAR	OFF	2008/09/22
S33	1036	"502/303".cols.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:13
S34	1729	"502/304".cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:13

S35	309	"423/328.1".cds.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:13
S36	20	"423/328.1".cds. and (lanthanide or lanthanide or lanthanide or Lanthanide or Cerium or Ce or "CeO. sup.2" or Praseodymium or Pr or Neodymium or Pr or Samarium or Sm or Europium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holimium or Ho or Erbium or Er or Thulium or Th or The or Yor or Lutetium or Itanium or Th or Uttanium en Chand ((litania or titanium or ti or (titanium near oxide) or "tio. sup.2") or (galicia near alumina) or (calcium near alumina) or (calcium near alumina) or (calcium near alumina) or (calcium near aluminate)) and (weight or ratio or ppm or ppmw or wt)	US PERUB; USPAT; USOOR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22
S37	59	(BAILEY near STEPHEN). in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:14
S38	4	(BONNE near RAIMOND).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:14
S39	113	(WATSON near MICHAEL).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:14
S40	8	(GRIFFITHS near CLIVE).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:15
S41	182	(BOOTH near JOHN).in.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2008/09/22 13:15

S42	1	"7453017".PN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/05/08 10:37
843	21	"423/328.1".cds. and (lanthanide or lanthanidi or Lanthanidi or Lanthanidi or Lanthanidi or Cerium or Ce or "CeO. sup.2" or Praseodymium or Pror Neodymium or Mor or Samarium or Smor Europium or Eu or Cadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Er or Thulium or Tm or Ytterbium or Un) and (palladium or pu) and (palladium or pu) and (tittanium or tit or (titanium or tit or (titanium or or (itanium) or ti or (titanium or magnesium or mg) or (alumina or (aluminum) OR (calcium near adumina) OR (calcium near aluminate)) and (weight or ratio or ppm or ppmw or wt)	US PGPUB; USPAT; USOOR; EPO; JPO; DERWENT	NEAR	OFF	2009/10/06
S44	226	hydrogenation and (lanthanide or lanthanoid or Lanthanoid or Lanthanum or La or Cerium or Ce or "CeO. sup.2" or Praseodymium or Pr or Neodymium or Md or Promethium or Pm or Samarium or Su or Europium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Dy or Holmium or Ho or Erbium or Er or Thulium or Thm or Ytterbium or Lun or Tm or Ytterbium or Lun near6 promoter	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/07

S45	3647	hydrogenation and acetylene and (lanthanide or lanthanoid or Lanthanoid or Cerium or Ce or "CeO. sup.2" or Prassodymium or Pr or Neodymium or Nd or Promethium or Pm or Samarium or Sur Curopium or Eu or Gadolinium or Gd or Terbium or Tb or Dysprosium or Ho or Ethium or Fro Thulium or Tm or Ytterbium or Thulium or Tm or Ytterbium or Lujand (palladium OR pd)	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/10/07
S46	1756	hydrogenation and acetylene and (lanthanide or lanthanoid or Lanthanom or La or Cerium or Ce or "CeO. sup.2") and (palladium OR pd)	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/10/07 13:31
S47	38	hydrogenation and acetylene.ab. and (lanthanide or lanthanoid or Lanthanum or La or Cerium or Ce or "CeO. sup.2") and (palladium OR pd)	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/10/07 13:32
S49	32	hydrogenation SAME acetylene SAME (promoter OR promotor) SAME selectivity	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/10/07 14:07
S50	1	"3915845".pn.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 10:29

S51	3041	(lanthanide or lanthanoid or lanthanoid or Lanthanum or Cerium Praseodymium or Pro or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Dysprosium or Holmium or Erbium or Thulium or Ytterbium or Laletium) near6 palladium	US-POPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 10:37
S52	1441	catalyst AND (lanthanide or lanthanoid or Lanthanum or Cerium Praseodymium or Pr or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Dysprosium or Holmium or Erbium or Thulium or Ytterbium or Thulium or Ytterbium or Lutetium) near6 palladium	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08
S53	24	("1271013"   "2651598"   "2780584"   "2814599"   "3299156"   "3435090"   "3503867").FN. OR ("3679773").URPN.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 11:35
S54	3	"3912787".pn.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT	NEAR	OFF	2009/10/08 13:07
S56	1	"6858766".pn.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 13:14
S58	21	"423/328.1".cds. and (lanthanide or lanthanoid or Lanthanoid or Lanthanum or La or Cerium or Ce or "CeO. Sup.2" or Prassodymium or Pr or Neodymium or Nd or Promethium or Pm or Samarium or Sm or Europium or Eu or Cadolinium or Tb or Dysprosium or Tb or Dysprosium or Ho or Erbium or Fo or Trulium or Th or Thulium or Th or Thulium or Tru or Yuterbium or Tm or Yuterbium or Yuterbium or Yuterbium or Tm or Yuterbium or Tm or Yuterbium or Y	US PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 13:27

	они политення по	Yb or Lutetium or Lu) and (palladium or pd) and ((titania or titanium or ti or (titanium near oxide) or "tio.sup.2") or (magnesia or magnesium or mg) or (alumina or (alumina or (alumina or (alumina or (alumina or (alumina or (alumina) or (calicium near alumina) or (calicium near alumina) or (calicium near aluminate)) and (weight or ratio or ppm or ppmw or wt)			<i>от</i>	
S59	2240	catalyst AND (lanthanide or lanthanide or lanthanidi or Lanthanum or Cerium OR Praseodymium or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Dysprosium or Holmium or Erbium or Tutetium or Tutetium or Lutetium) near6 palladium	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 13:33
S60	11	("3549720").URPN.	USPAT	NEAR	OFF	2009/10/08 13:36
S61	. OO	("3549720"). URPN. AND (lanthanide or lanthanidi or Lanthanidi or Lanthanidi or Lanthanidi or Praseodymium or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Thysprosium or Holmium or Etbium or Thulium or Tyterbium or Lutetium)	USPAT	NEAR	OFF	2009/10/08 13:37

S62	O	("3549720"). URPN. AND (lanthanide or lanthanioli or Lanthanum or Cerium OR cerum OR Prassodymium or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Thulium or Etbium or Thulium or Tetroium or Thulium or Tetroium or Tuterbium or Thulium or Tetroium or Intertium	USPAT	NEAR	OFF	2009/10/08 13:37
<b>S</b> 63	11	("3549720").URPN.	USPAT	NEAR	OFF	2009/10/08 13:38
<b>S</b> 64	0	S63 AND (lanthanide or lanthanoid or Lanthanum or Cerium OR Praseodymium or Neodymium or Promethium or Samarium or Europium or Gadolinium or Terbium or Dysprosium or Holmium or Erbium or Tullium or Ytterbium or Ustetium)	USPAT	NEAR	OFF	2009/10/08 13:38
S65	1	("3549720").URPN. AND (promoter OR promotor OR stabilizer)	USPAT	NEAR	OFF	2009/10/08 13:39
S66	0	"L18." AND (promoter OR promotor OR stabilizer)	USPAT	NEAR	OFF	2009/10/08 13:40
S67	3226	acetylene AND (promoter OR promotor OR stabilizer)	USPAT	NEAR	OFF	2009/10/08 13:40
S68	639	acetylene AND catalyst SAME (promoter OR promotor OR stabilizer)	USPAT	NEAR	OFF	2009/10/08 13:41
S72	1	"3904552".pn.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 13:50
S73	877	"502/303".ccls.	US-PGPUB; USPAT; USOCR	NEAR	OFF	2009/10/08 13:57
S74	463	"502/303".ccls. and palladium	US-PGPUB; USPAT; USOCR	NEAR	ON	2009/10/08 13:59

## EAST Search History (Interference)

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## 10/8/2009 7:14:34 PM

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